

1 / 1 WPAT - ©Thomson Derwent

AN - 1986-062256 [10]

XA - C1986-026579

TI - Disperse dyestuff mixt. for dyeing polyester fibre or mixt. - contg. at least three disperse dyestuff cpds. different type

DC - A23 A35 E24 F06

PA - (FARF) VEB CHEMIE BITTERFE

IN - BIRKNER M; KEIL A; MODROW HW; PUHLMANN G; REUSS R; RIEDEL HJ; SCHEIL A; WIRTH HG

NP - 2

NC - 1

PN - DD-229422 A 19851106 DW1986-10 9p *

AP: 1984DD-0270438 19841207

DD-229422 B 19880120 DW1988-24

PR - 1984DD-0270438 19841207

IC - C09B-067/38

AB - DD-229422 A

Disperse dyestuff prepn. for dyeing and printing polyester fibres or mixts. contains conventional dispersants and ancillaries and a dyestuff mixt. comprising 1.5-30% disperse dyestuff of the 4-nitrobenzene (1-azo-2) 5-(N,N-di-ethyl or di-beta-acetoxyethyl -amino)-acetanilide type of formula (I) and/or 5-90% disperse azo dyestuff of the 1-amino-4-anilino -anthraquinone type of formula (II) and 4-50% of the disperse dyestuff 3-nitro-4-anilino -benzene sulphanilide of formula (III) and 1-35% of a disperse azo dyestuff of the 4-nitrobenzene (1-azo-4) (N-beta-cyano-ethyl-N-(subst.) ethyl-aniline type of formula (IV): in (I) : R1 = Cl, Br or CN; R2 = NO2 or CN; R3 = H, OMe or OEt; R4 = Et or -CH2CH2-O-CO-CH3; in (II): R1, R3 and R4 = H or Me; R2 = H, Me, -NH-CO-Me or -NH2; in (IV): R1 = Et, -C2H4-OC2H4CN, C2H4-OCOCH3 or -C2H4OH; and R2 = H, CN or Cl.

USE/ADVANTAGE - The prepn. is claimed for dyeing polyesters dark brown, brown and black with good levelness, mainly first order dyeing kinetics, good dyestuff build-up esp. at temps. up to 120 deg.C and high yields in short dyeing times of under under 30 min. at max. 130 deg.C. The dyeing has high fastness.

MC - CPI: A05-E01B2 A08-E03A2 A08-E03A3 A11-A01A A12-S05N E21-C10 E21-C15 E22-C01 E25-E03 F03-F07B F03-F07C F03-F18

UP - 1986-10

UE - 1988-24